LIFEBOOK® E780 Notebook

The Fujitsu LIFEBOOK® E780 notebook is ideal for professional and business users. With its 15.6 inch widescreen HD display and next-generation Intel® Core™ Technology it provides a highly flexible platform that can be configured to meet a diverse array of business demands. Coupled with renowned Fujitsu product reliability and durability, this notebook will shorten your return on investment cycle and lighten the load on your IT technical support team.

OVERVIEW

Powered by the Intel® Core™ vPro™ processor with Turbo Boost Technology

Choice of Genuine Windows® 7 Professional or Windows Vista® Business operating system

15.6" High-Definition display w/optional Webcam

Optional NVIDIA® GeForce GT 330M (1 GB dedicated memory) for great graphics performance

Modular bay versatility: easy-to-swap out an optical drive for a modular bay battery for extended computing experience

Flexible security with Trusted Platform Module (TPM), integrated Smart card Reader, fingerprint sensor, HDD & BIOS password protection, Security Panel and Computrace support

eSATA port for a blazing fast connection to a compatible external hard drive

Optional New Port Replicator

PERFORMANCE

Powered by an Intel® Core™ vPro™ processor, the LIFEBOOK E780 notebook helps businesses cut costs and increase efficiency by taking advantage of intelligent performance, unique hardware-assisted security, and manageability features.

With Intel® HD Graphics, you're choosing a smarter, integrated solution for your visual needs. The LIFEBOOK E780 notebook also features a powerful mobile GPU (1GB dedicated memory) —NVIDIA GeForce GT 330M. This optional graphics card is the ideal solution for today's business professionals providing the horsepower required to drive visual applications along with the tools needed to build more compelling visual communications with rich multimedia.

Easy Deployment & Management

- Simplify deployment, management, and ultimately reduce TCO with the following features:
- A modular bay that supports a variety of devices, including a Blu-ray Writer, a modular bay battery, and a convenient weight saver. The bay battery can be used to extend your computing time and the weight saver can lighten your load when traveling.
- High-capacity and modular bay batteries are available for extended computing time
- The notebook is equipped with eSATA, display port, and IEEE 1394 port
- A variety of communications options are available to seamlessly integrate into your corporate environment.

Security

The LIFEBOOK E780 notebook offers a combination of physical hardware and software security solutions to provide high levels of mobile computer protection. When the time comes for an organization to implement one or more security features, the LIFEBOOK E780 notebook is ready for deployment.

Fujitsu offers an optional built-in biometric fingerprint swipe sensor that eliminates the need for managing multiple passwords when accessing the network and managing email accounts, as well as other protected systems.

The embedded TCG 1.2-compliant Trusted Platform Module (TPM) protects digital identification and data, and can be used to authenticate your network access. It also allows users to securely store private keys and certificates for file and folder encryption, Web, email, digital signatures, and passwords.

The dedicated Smart Card slot supports a wide range of third-party applications, such as secure online transactions, personalized authentication services, access to personal data, and "e-cash" storage options.

With more than 800,000 possible passwords, the integrated Security Panel system adds another measure of security to help protect your data. The LIFEBOOK E780 notebook also features two-level hard drive and BIOS password protection, allowing system administrators to have a password that's secret from users, and can be used to unlock their notebook if the user password is lost.

Flexible Connectivity

With built in 56K modem and Gigabit Ethernet LAN, you can easily connect to your office network or Web from practically anywhere. For wireless connectivity, the Atheros XSPAN® or optional: Intel® Centrino® Advanced-N 6200 AGN offers seamless and flexible connectivity. If you use a Bluetooth-enabled cellular phone or PDA, your LIFEBOOK E780 notebook can be equipped with integrated Bluetooth (version 2.1) wireless technology for data synchronization and swapping images or data.

Stable and Reliable

The LIFEBOOK E780 notebook was designed to withstand the abuses of daily use—a feature that has contributed to LIFEBOOK notebooks being named some of the most reliable in the industry.

In a time when most PCs are assembled by third-party vendors, Fujitsu takes pride in its own world-class design, rigorous testing, and manufacturing capabilities. Fujitsu provides extremely high quality mobile computers with one of the lowest failure rates in the industry.

SOFTWARE

Operating System	All options come with Microsoft® Office Ready PC and Microsoft® Office Professional 2007 60-Day Trial. Genuine Windows® 7 Professional 32-bit or 64-bit (ENERGY STAR® qualified)
	Genuine Windows® 7 Professional (MUI), Bonus Media[1] (ENERGY STAR® qualified) (**Note:** Systems with Genuine Windows® 7 Professional preinstalled will include Genuine Windows® 7 Professional HDD-based recovery and Genuine Windows® XP Professional recovery and utility media)
	Genuine Windows® 7 Professional, Downgrade Service (**Note:** Downgrade service to Genuine Windows® XP Professional. Systems with Genuine Windows® XP Professional preinstalled will include Genuine Windows® XP Professional and Genuine Windows® 7 Professional recovery and utility media.)
	Genuine Windows Vista® Business, Bonus Media[1] (ENERGY STAR® qualified) (**Note:** Systems with Genuine Windows Vista® Business preinstalled will include both Genuine Windows Vista® Business and Windows® XP Professional recovery disc and utility media.)
Software	Acrobat® Adobe® Reader, Norton Internet Security™, Roxio Easy Media Creator (on select models), Cyberlink MakeDisc (Genuine Windows® 7 models only), Cyberlink PowerDirector, Cyberlink PowerDVD, Cyberlink YouCam, Google Picasa and ToolBar (Genuine Windows Vista® models only), OmniPass Fingerprint application, TPM drivers and applications Fujitsu Driver Update utility, Microsoft® Media Player 10 (Genuine Windows® XP and Windows Vista® only), Microsoft® Office Ready with Office Activation Assistant
Optional Software	Depending upon your configuration, you may also receive: ArcSoft Webcam Companion, Bluetooth driver and applications disc Productivity Options: All Microsoft® Office Applications are 32-bit only, require product activation (US English version), and are only available with Microsoft® Windows® 7 Professional pre-installed. Windows® Office Starter 2010: This PC is loaded with reduced-functionality versions of Word and Excel that include advertising. PowerPoint, Outlook and Publisher are NOT included. Windows Office Home and Student 2010 (32 bits) includes Word, Excel, PowerPoint, and OneNote 2010 Windows Office Home and Business 2010 (32 bits) includes Word, Excel, PowerPoint, OneNote, and Outlook 2010) Microsoft® Office Small Business 2007 Media License Kit

KEY SPECIFICATIONS (Listed specifications are for the current model only and NOT for earlier models or revisions to this product.)

Processor (VPro™ option is available)	Intel® Core™ i5-520M Processor (2.4 GHz, 3 MB L3 cache) with Turbo Boost up to 2.93 GHz Intel® Core™ i5-540M Processor (2.53 GHz, 3 MB L3 cache) with Turbo Boost up to 3.06 GHz Intel® Core™ i7-620M Processor (2.66 GHz, 4 MB L3 cache) with Turbo Boost up to 3.33 GHz	
Chipset	Mobile Intel® Express (QM57)	
Memory	Two DIMM slots; max 8 GB (4 GB x 2); DDR3 1066 MHz	
Display	LCD	15.6" Crystal View HD, or HD+ Anti-Glare LED backlight display optional
	Video Controller	NVIDIA® GeForce GT 330M with a total dedicated graphics memory of 1 GB (optional) Integrated Intel® HD Graphics
	Resolution	Internal Display: 1366 x 768, Crystal View HD, or 1600 x 900, Anti-Glare LED backlight display optional. External Only: 1920 x 1200, 16M colors (External VGA) 2560 x 1600, 16M colors (Display Port) Simultaneous: 1600 x 900, 16M colors
Webcam	Optional built-in 1.3 mega-pixel digital camera	
Hard Drive[3]	160 GB 5400 RPM, or 320 GB 5400 RPM, or 500 GB 5400 RPM, or 160 GB 7200 RPM, or 320 GB 7200 RPM, or 160 GB FDE 5400RPM, S-ATA 300 shock-mounted	
Optical Drive	Double Layer Super Multi-Drive	Blu-ray Writable Drive
	x24 CD-ROM, x24 CD-R, x10 CD-RW, x8 DVD-ROM, x5 DVD-RAM, x8 DVD+/-R, x4 DVD+/-R(DL), x6 DVD-RW, x8 DVD+RW	x4 BD-ROM, x4 BD-R, x2 BD-R DL, x2 BD-RE, x2 BD-RE(DL)
Audio	Realtek™ codec ALC269 with 2-channel High Definition (HD) audio Headphone: Stereo headphone/line-out/SPDIF jack Microphone: Stereo microphone/line-in jack, built-in stereo digital array microphone, built-in stereo speakers, 20 mm diameter	
Communication	Multinational[4] 56K[5] V.92 modem, Gigabit (10/100/1000) Ethernet	
Wireless Communication	Atheros XSPAN® (AR5B97, 802.11 BGN) , Optional : Intel® Centrino® Advanced-N 6200 AGN, Optional: Bluetooth® wireless v2.1 +EDR	
User Interfaces	Integrated Dual Pointing touchpad and quick point 84-key full-size, spill-resistant keyboard with 19 mm key pitch and 2.7 mm key stroke	
Ports	One 15-pin VGA external monitor, one stereo headphone/line-out jack, Four USB 2.0 connectors, one stereo, microphone/line-in jack, One DC In connector, One serial port, One eSATA connector, (One IEEE 1394 jack), One modular modem (RJ-11) connector, One LAN (RJ-45) connector, One Docking port	
Card Slots	PC Card slot for one Type I or Type II card: PCMCIA Standard 2.1 with CardBus support, ExpressCard® slot, Memory Stick/SD Card slot, Dedicated Smart Card slot	
Security	Embedded biometric fingerprint sensor (optional), dedicated Smart Card support (3rd party application required), Intel® vPro technology (select configurations), Fujitsu Security/Application Panel: Numeric buttons on theft-deterrent security panel; four programmable one-touch application launch buttons, embedded TCG 1.2-compliant Trusted Platform Module (TPM), Computrace® BIOS Persistence Module5, Security lock slot, Fujitsu PortShutter (not available with Windows 7 Professional 64) hard drive and BIOS password protection, Intel® AT (anti-theft) technology support	
Battery[6]	Battery life with Intel® HD Graphics Model (HD+)	Battery life with NVIDIA® GeForce® (HD+)
	6 cell 10.8V 5200 mAh: up to 4 hrs., 20 mins. 6 cell 10.8V 3800 mAh: up to 8 hrs., 30 mins. Optional 8 cell 14.4V 5800 mAh: up to 7 hrs., 07 mins. 8 cell and Bay battery: up to 11 hrs., 05 mins.	up to 3 hrs., 20 mins. up to 6 hrs. 10 mins. up to 5 hrs., 15 mins. up to 8 hrs., 05 mins.
AC Adapter (Determined by the graphics card installed in the system)	Intel® HD Graphics: Auto sensing 100-240V AC, supplying 19V DC, 4.22A, 80W NVIDIA® GeForce GT 330M: Auto sensing 100-240V AC, supplying 19V DC, 5.27A, 100W	
Dimensions	14.65"(w) x 10.1"(d) x 1.38"/1.46"(h)	
Weight (with 6 cell battery; Optional Drive)	INVIDA® GeForce model: Approximately 6.40 lbs., Intel® HD Graphics Approximately 6.17 lbs.	
Operating Temperature	41°F to 95°F / 5°C to 35°C (ambient temperature); 20% to 85% relative humidity, non-condensing	
Non-Operating Temperature	5°F to 140°F / -15°C to 60°C, 8% to 85% relative humidity; non-condensing	
Key Accessories	Port Replicator, Additional Memory, Modular Bay Battery, Auto/Air adapter. For a full list visit www.shopfujitsu.com or call 1-800-FUJITSU	

COMPLIANCE AND SERVICE INFORMATION

Compliance	FCC Part 15B Class B and FCC Part 15C; FCC Part 15E; IC ICES-003 Class B and RSS-210 UL-cUL Listed FCC Part 68; IC CS-03 CE Marking (Not supported when configured with the WLAN module) ExpressCard® Compliance ID EC100140
Warranty[7]	One- or three-year International Limited Warranty on select corporate configurations; 24/7 technical support; Fujitsu extended service plans available.

1) Bonus Media only available in North America

2) Preinstalled with a free 60-day trial version of Symantec Norton Internet Security 2008. The 60-day trial version is activated upon user's acceptance of software license agreement. After 60 days, the user must purchase a subscription from Symantec to download latest virus definitions.

3) One gigabyte (GB) = one billion bytes; accessible capacity will be less and actual capacity depends on the operating environment and formatting.

4) The internal modems on all Fujitsu notebooks from Fujitsu America, Inc. are only qualified for use with telephone systems in selected countries, including the United States and Canada. For a list of certified countries, please check http://solutions.us.fujitsu.com/modems

5) Actual speeds over U.S. telephone lines vary, and are less than 56 Kbps due to the current FCC regulations and line conditions.

6) Battery life tested using MobileMark 2007 and may include audio muted. Battery life will vary depending on the product configuration, product model, application loaded on the product, power management settings on the product, Operating System, and the product features used by the customer. As with all batteries, the maximum capacity of the installed batteries will decrease with time, usage, and how often the batteries are charged by the user.

7) Service and warranty turnaround time may vary by country and product. International warranty valid only for products purchased in North, Central, and South America.